CHELSEA A. METCALF

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EDUCATION

University of Florida, Gainesville, Florida **August 2015 – May 2019**

- Ph.D., Computer Science in the College of Engineering

University of Florida, Gainesville, Florida **2010 – 2015**

- Bachelor of Science, Computer Science in the College of Engineering
- Mathematics Minor
- Graduated Magna Cum Laude, GPA 3.72/4.0

WORK EXPERIENCE

Verizon (IT Intern), Spring Valley, NY **June 2015 – July 2015**

- Developed an administrative tool to manage the equipment database in DTI Express
- Used Java JSP as the framework
- Participated in Verizon Hackathon to find the optimal path for a road trip
- Used ElasticSearch, Logstash, and Kibana to analyze log files and create visualizations on data

Verizon (IT Intern), Irving, TX **June 2014 – August 2014**

- Developed a productivity tracking tool for Revenue Assurance work centers so associates could track their work, meeting, and break time
- Automated feeds from source systems so they flow directly into the productivity tracking tool
- Developed Reporting Controls tool for Revenue Assurance analysts, which provided an easy way to ensure correct metrics by putting controls in the upfront process
- Used C# and SQL to code backend processes and ASP.NET for front end

VirtualWorks (Quality Assurance Intern), Boca Raton, FL **June 2013 – October 2013**

- Used JIRA to write bugs found in ViaWorks, a software that indexes documents so the user can find information easily
- Tested, verified bug fixes, and developed hundreds of test cases for testing ViaWorks software
- Configured multiple connections for test setup

ACADEMIC

Undergraduate Research Assistant, Gainesville, FL **Fall 2014 – Spring 2015**

- Developed in Java code using IBM's WALA API to conduct static analysis on Apache Hadoop to explore code issues such as excess codec creation
- Developed an algorithm to identify the most relevant configuration parameters in setting up Apache Hadoop

Integrated Product & Process Design Program, Gainesville, FL **Fall 2014 – Spring 2015**

- Worked with a small team to build material recognition software for Lockheed Martin
- Implemented an algorithm that takes in image files, extracts local features on the images, computes these features, and then classifies them based on similarities in the features

SKILLS

Programming Languages	Java, C++, C#, Python, C	**Databases**	Oracle, MySQL, PostgreSQL
Web	HTML, CSS, ASP.NET, Javascript	**Version Control**	Git
Software	Photoshop, Maya, SolidWorks, MATLAB	**Operating Systems**	OS X, Windows, Linux

AWARDS

- Grace Hopper Celebration Scholarship **October 2014 & October 2015**
- University Scholars Program **Fall 2014 – Spring 2015**